

10/070281

Sheet 1 of 1

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. P32411	INTERNATIONAL SERIAL NO. PCT/GB00/03366
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Cho, et al.	
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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

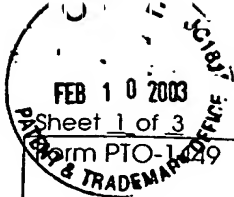
**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BW	EP 0 688 772 A	12/27/95	EPO				
BW	WO 98 42705 A	10/01/98	PCT				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
B/D	5,633,262	May 27, 1997	Hong et al.			
	5,776,944	July 7, 1998	Hong et al.			
	5,869,670	February 9, 1999	Hong et al.			
	5,962,468	October 5, 1999	Hong et al.			
B/D	6,307,059	October 23, 2001	Chang, et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
B/D	EP 0 183 129A1	4 June 1986	EP				
	EP 0 183 129B1	9 August 1989	EP				
	EP 0 266 576	11 May 1988	EP				
	EP 0 326 891	9 August 1989	EP				
	EP 0 541 086 A1	12 May 1993	EP				
	EP 0 058 614 A1	25 August 1982	EP				
	EP 0 688 772 A1	27 December 1995	EP				
	EP 0 688 772 B1	6 May 1999	EP				
	EP 0 805 156 A1	5 November 1997	EP				
	WO 91/02526 A1	7 March 1991	PCT				
	WO 92/10191 A1	25 June 1992	PCT				
	WO 96/39406 A1	12 December 1996	PCT				
	WO 97/07098 A1	27 February 1997	PCT				
	WO 97/36874 A1	9 October 1997	PCT				
	WO 98/42705 A1	1 October 1998	PCT				
	WO 99/44991 A1	10 September 1999	PCT				
	WO 99/61420 A1	2 December 1999	PCT				
	WO 00/17199 A1	30 March 2000	PCT				
	WO 01/00209 A1	4 Jan 2001	PCT				
	WO 01/15695 A1	8 March 2001	PCT				
B/D	WO 01/17961 A2	15 March 2001	PCT				

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS (continued)

	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
B1	WO 01/18002 A1	15 March 2001	PCT				
	WO 01/21176 A1	29 March 2001	PCT				
	WO 01/68649 A1	20 September 2001	PCT				
	WO 02/18336 A1	7 March 2002	PCT				
	JP 01 100165 A	18 April 1989	Japan			abstract only	
B1	JP 03 056479A	12 March 1991	Japan			abstract only	
	JP 06-73056 A1, plus C.A. abstract	13 March 1994	Japan			claims only	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

B1	M-J. Ahn, et al., "Effect of a New Fluoroquinolone LB20304a on Microflora of Caecum in Mice", <u>Yakhak Hoeji (Yakhak Hoechi)</u> Vol 40, No. 3, pp. 343-346 (1996)
	M-J. Ahn, et al., "Post-Antibiotic Effect of LB20304, A New Quinolone Antibiotic", <u>Yakhak Hoeji (Yakhak Hoechi)</u> Vol. 40, No. 3, pp. 347-350 (1996)
	M-J. Ahn, et al., "InVivo Efficacy of LB20304a against Experimental Respiratory Tract Infection in Mice", <u>Yakhak Hoeji (Yakhak Hoechi)</u> Vol. 40, No. 4, pp. 438-441 (1996)
	CS Cooper et al, J. Med Chem, 35, 1992, 1392-1398
	G. Cormican, "Comparative Antimicrobial and Spectrum Activity of LB20304a, a New Fluorinated Naphthyridone Compound", <u>Abstracts of the 36th ICAAC</u> , 109 Abst F53 (1996)
	MG Cormican et al, "Antimicrobial Activity and Spectrum of LB20304, a novel Fluoronaphthyridone", <u>Antimicrobial Agents and Chemotherapy</u> , Jan 1997, 41, 204-211
	JM Domagala et al, J. Med. Chem., 31, 1988, 991-1001
	JM Domagala et al, J. Med. Chem., 34, 1991, 1142-1154
	C. Yong Hong, et al., "Novel Fluoroquinolone Antibacterial Agents Containing Oxime-Substituted (Aminomethyl) pyrrolidines: Synthesis and Antibacterial Activity of 7-(4-(Aminomethyl)-3-(methoxyimino) pyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro [1,8] naphthyridine-3-carboxylic Acid (LB20304)", <u>J. Med. Chem.</u> , 40(22), pp. 3584-3593 (1997)
	M-Y Kim et al., "In vitro activities of LB20304, a new Fluoroquinolone", <u>Arch. Pharm. Res.</u> , 1996, 19(1), 52-59

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DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS (continued)**

Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) (continued)**

B7	J-H. Kwak, "Antimicrobial Activities of LB20304a, a New Quinolone Antibiotic", <u>The Journal of Applied Pharmacology</u> (4) pp. 378-384 (1996)
	F. Marco, et al., "Antimicrobial Activity of LB20304, a Fluoronaphthyridone, Tested Against Anaerobic Bacteria", <u>J. Antimicrobial Chemother</u> Vol. 40, No. 4, pp. 605-607 (1997)
	J-I Oh et al, "In vitro and in vivo evaluations of LB20304, a new Fluoroquinolone", <u>Antimicrobial Agents and Chemotherapy</u> , June 1996, 40(6), 1564-1568
	K.-S. Paek et al., "Factors effecting in vitro activity of LB20304, a new fluoroquinolone", <u>Arch. Pharm. Res.</u> , 1996, 19(2), 143-147
	K.-S. Paek et al., "Bactericidal activities of LB20304, a new Fluoroquinolone", <u>Arch. Pharm. Res.</u> , 1996, 19(4), 317-320
	M-K. Seo, "Pharmacokinetics of LB20304, a New Fluoroquinolone, in Rats and Dogs", <u>Arch. Pharm. Res.</u> Vol. 19, No. 5, pp. 359-367 (1996)
	M-K. Seo et al., "High Performance Liquid Chromatographic Assay of a New Fluoroquinolone, LB20304, in the Plasma of Rats and Dogs", <u>Arch. Pharm. Res.</u> Vol. 19, No. 6, pp. 554-558 (1996)
	Patent Abstracts of Japan, Vol 015, No. 202 (C-0834), 5/23/91 (JP03056479A, 3/12/91)
30	SB-265805, A Potent New Quinolone, 38th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, ICAAC, San Diego Convention Centre, 105-F Poster Session, New Fluoroquinolones II, September 26th 1998: cover page, contents page and Abstract Nos. F-087 through F-106

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